

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query                                     | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|--|------------------|---------|---------------------|
| S1    | 1     | 10/537448  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:26 |
| S2    | 261   | 345/72   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:26 |
| S3    | 1808  | 345/88   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:26 |
| S4    | 1299  | 348/222  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:27 |
| S5    | 3981  | 382/162  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:27 |
| S6    | 3678  | 382/167  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:27 |
| S7    | 8851  | S2 or S3 or S4 or S5 or S6                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:27 |
| S8    | 11287 | image with process\$4 with (high low) with color | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:28 |
| S9    | 757   | S7 and S8  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/02/02<br>12:28 |
| S10   | 207   | RGB with separate with color with process\$4     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/07<br>11:00 |
| S11   | 277   | 345/72   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR               | ON      | 2008/08/07<br>11:01 |

|     |      |   |  |    |    |                     |
|-----|------|---|--|----|----|---------------------|
| S12 | 1941 | 345/88  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/07<br>11:01 |
| S13 | 1321 | 348/222   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/07<br>11:01 |
| S14 | 4313 | 382/162   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/07<br>11:01 |
| S15 | 4000 | 382/167   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/07<br>11:01 |
| S16 | 9513 | S11 or S12 or S13 or<br>S14 or S15  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/07<br>11:01 |
| S17 | 22   | S16 and S10   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/08/07<br>11:01 |
| S18 | 6    | ("3971065"  <br>"5506619"   "5629734"<br>  "5808674"  <br>"6075889"  <br>"6961478").PN. OR<br>("7236191").URPN.                 | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2008/08/07<br>13:39 |
| S19 | 7    | ("20020105660"  <br>"5808630"   "5872556"<br>  "6069972"  <br>"6356276"   "6439722"<br>  "6532024").PN. OR<br>("6980223").URPN. | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2008/08/07<br>13:40 |
| S20 | 15   | ("4597005"  <br>"4598282"   "4789854"<br>  "5081450"  <br>"5124688").PN. OR<br>("5872556").URPN.                                | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2008/08/07<br>13:47 |
| S21 | 17   | color with alias\$3 with<br>gain  | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2008/08/07<br>14:27 |
| S22 | 12   | color with alias\$3 same<br>gain and LCD  | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2008/08/07<br>14:29 |
| S23 | 1    | (color with RGB) same<br>(alias\$3 same gain) and<br>LCD  | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2008/08/07<br>14:29 |
| S24 | 389  | 348/470   | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2008/08/07<br>14:37 |

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|-----|--------|---|--|----|-----|---------------------|
| S25 | 337537 | lod or "liquid crystal"   | US-PGPUB;<br>USPAT; USOCOR                           | OR | ON  | 2008/08/07<br>14:37 |
| S26 | 16     | S24 and S25   | US-PGPUB;<br>USPAT; USOCOR                           | OR | ON  | 2008/08/07<br>14:37 |
| S27 | 12     | ("5124688"  <br>"5266936"   "5784050"<br>  "5872556"  <br>"5914728"   "5936683"<br>  "5999164").PN. OR<br>("6166720").URPN. | US-PGPUB;<br>USPAT; USOCOR                           | OR | ON  | 2008/08/07<br>14:46 |
| S28 | 209    | RGB with separate with<br>color with process\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/02<br>00:58 |
| S29 | 3      | (high near component)<br>same (low near<br>component) same (gain<br>near factor)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/11<br>11:10 |
| S30 | 11     | (high near component)<br>same (low near<br>component) and (gain<br>near factor)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/11<br>11:10 |
| S31 | 106    | (high near component)<br>and (low near<br>component) and (gain<br>near factor)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/11<br>11:10 |
| S32 | 285251 | "345"/  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/11<br>11:10 |
| S33 | 2      | ("0000345").PN.   | USPAT; USOCOR  | OR | OFF | 2008/11/11<br>11:11 |
| S34 | 48226  | ("345").CLAS.   | USPAT; USOCOR  | OR | OFF | 2008/11/11<br>11:11 |
| S35 | 18653  | ("349").CLAS.   | USPAT; USOCOR  | OR | OFF | 2008/11/11<br>11:11 |
| S36 | 63536  | S34 or S35  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/11<br>11:12 |
| S37 | 0      | S31 and S36   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/11<br>11:12 |
| S38 | 1563   | (high near (component<br>part signal path)) same<br>(low near (component<br>part signal path)) same<br>(gain)               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2008/11/11<br>11:13 |

|     |       |   |  |    |    |                     |
|-----|-------|---|--|----|----|---------------------|
| S39 | 7     | S36 and S38   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/11/11<br>11:13 |
| S40 | 99781 | second near20 signal<br>near (component or<br>band or portion)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/11/11<br>11:15 |
| S41 | 14750 | gain near factor  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/11/11<br>11:15 |
| S42 | 1531  | S40 and S41   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/11/11<br>11:15 |
| S43 | 10    | S36 and S42   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2008/11/11<br>11:15 |
| S44 | 20    | ("20030164839"  <br>"4275413"   "5061049"<br>  "5233385"  <br>"5264927"   "5280277"<br>  "5623281"  <br>"5726718"   "5768410"<br>  "5777589"  <br>"5903323"   "6061049"<br>  "6088016"  <br>"6266105"   "6310591"<br>  "6342898"  <br>"6396465"   "6445505"<br>  "6801214").PN. OR<br>("7164397").URFN. | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2008/11/11<br>11:18 |
| S45 | 1     | y near alias\$3 near<br>(reduction suppression<br>remov\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/12<br>15:30 |
| S46 | 1369  | alias\$3 near (reduction<br>suppression remov\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/12<br>15:30 |
| S47 | 143   | alias\$3 near (reduction<br>suppression remov\$3)<br>and (low near pass)<br>and (high near pass)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/12<br>15:31 |
| S48 | 143   | alias\$3 near (reduction<br>suppression remov\$3)<br>and ("low pass") and<br>("high pass")  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/12<br>15:32 |

|     |      |   |  |    |    |                     |
|-----|------|---|--|----|----|---------------------|
| S49 | 31   | ("5008739"  <br>"5038216"   "5065229"<br>  "5119180"  <br>"5251019"   "5333055"<br>  "5373322"  <br>"5374956"   "5382976"<br>  "5398058"  <br>"5418565"   "5475769"<br>  "5528292"  <br>"5541653"   "5629734"<br>  "5652621"  <br>"5917556"  <br>"6263102").PN. OR<br>("6697110").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/12<br>15:42 |
| S50 | 7342 | gain and alias\$3 and<br>display  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/13<br>15:35 |
| S51 | 6046 | gain and alias\$3 and<br>display and high and<br>low  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/13<br>15:36 |
| S52 | 5010 | gain and alias\$3 and<br>display and (high same<br>low)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/13<br>15:36 |
| S53 | 1888 | gain and alias\$3 and<br>display and (high same<br>low same pass)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/13<br>15:36 |
| S54 | 919  | gain and alias\$3 and<br>display and (high same<br>low same pass) and<br>(color or RGB)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/13<br>15:37 |
| S55 | 564  | gain and alias\$3 and<br>display and (high same<br>low same pass) and<br>(color or RGB) and<br>(bright\$3 lumin\$5)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/13<br>15:38 |
| S56 | 257  | gain and alias\$3 and<br>display and (high same<br>low same pass) and<br>(color or RGB) and<br>(bright\$3 lumin\$5)Not<br>(audio)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/13<br>15:50 |
| S57 | 1    | 10/537448   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S58 | 300  | 345/72  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S59 | 2101 | 345/88  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |

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|-----|-------|---|--|----|----|---------------------|
| S60 | 1351  | 348/222   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S61 | 4734  | 382/162   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S62 | 4447  | 382/167   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S63 | 10354 | S58 or S59 or S60 or<br>S61 or S62                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S64 | 12323 | image with proces\$4<br>with (high low) with<br>color | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S65 | 894   | S63 and S64   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S66 | 219   | RGB with separate with<br>color with process\$4       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S67 | 300   | 345/72  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S68 | 2101  | 345/88  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S69 | 1351  | 348/222   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S70 | 4734  | 382/162   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S71 | 4447  | 382/167   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S72 | 10354 | S67 or S68 or S69 or<br>S70 or S71                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |

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|-----|--------|---|--|----|----|---------------------|
| S73 | 27     | S72 and S66   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S74 | 9      | ("3971065"  <br>"5506619"   "5629734"<br>  "5808674"  <br>"6075889"  <br>"6961478").PN. OR<br>("7236191").URPN.                 | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S75 | 7      | ("20020105660"  <br>"5808630"   "5872556"<br>  "6069972"  <br>"6356276"   "6439722"<br>  "6532024").PN. OR<br>("6980223").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S76 | 15     | ("4597005"  <br>"4598282"   "4789854"<br>  "5081450"  <br>"5124688").PN. OR<br>("5872556").URPN.                                | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S77 | 19     | color with alias\$3 with<br>gain  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S78 | 13     | color with alias\$3 same<br>gain and LCD  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S79 | 2      | (color with RGB) same<br>(alias\$3 same gain) and<br>LCD  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S80 | 396    | 348/470   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S81 | 369505 | lod or "liquid crystal"   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S82 | 17     | S80 and S81   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S83 | 13     | ("5124688"  <br>"5266936"   "5784050"<br>  "5872556"  <br>"5914728"   "5936683"<br>  "5999164").PN. OR<br>("6166720").URPN.     | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S84 | 219    | RGB with separate with<br>color with process\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S85 | 3      | (high near component)<br>same (low near<br>component) same (gain<br>near factor)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |

|     |        |   |  |    |     |                     |
|-----|--------|---|--|----|-----|---------------------|
| S86 | 12     | (high near component) same (low near component) and (gain near factor)                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S87 | 109    | (high near component) and (low near component) and (gain near factor)                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S88 | 293665 | "345"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S89 | 2      | ("0000345").PN.   | USPAT; USOCR   | OR | OFF | 2009/03/14<br>13:02 |
| S90 | 49447  | ("345").CLAS.   | USPAT; USOCR   | OR | OFF | 2009/03/14<br>13:02 |
| S91 | 19172  | ("349").CLAS.   | USPAT; USOCR   | OR | OFF | 2009/03/14<br>13:02 |
| S92 | 65234  | S90 or S91  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S93 | 0      | S87 and S92   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S94 | 1607   | (high near (component part signal path)) same (low near (component part signal path)) same (gain) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S95 | 7      | S92 and S94   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S96 | 102997 | second near20 signal near (component or band or portion)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S97 | 15186  | gain near factor  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S98 | 1580   | S96 and S97   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |
| S99 | 11     | S92 and S98   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/14<br>13:02 |



|      |      |   |  |    |    |                     |
|------|------|---|--|----|----|---------------------|
| S100 | 20   | ("20030164839"  <br>"4275413"   "5061049"<br>  "5233385"  <br>"5264927"   "5280277"<br>  "5623281"  <br>"5726718"   "5768410"<br>  "5777589"  <br>"5903323"   "6061049"<br>  "6088016"  <br>"6266105"   "6310591"<br>  "6342898"  <br>"6396465"   "6445505"<br>  "6801214").PN. OR<br>("7164397").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S101 | 1    | y near alias\$3 near<br>(reduction suppression<br>remov\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S102 | 1369 | alias\$3 near (reduction<br>suppression remov\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S103 | 143  | alias\$3 near (reduction<br>suppression remov\$3)<br>and (low near pass)<br>and (high near pass)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S104 | 143  | alias\$3 near (reduction<br>suppression remov\$3)<br>and ("low pass") and<br>("high pass")  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/03/14<br>13:02 |
| S105 | 31   | ("5008739"  <br>"5038216"   "5065229"<br>  "5119180"  <br>"5251019"   "5333055"<br>  "5373322"  <br>"5374956"   "5382976"<br>  "5398058"  <br>"5418565"   "5475769"<br>  "5528292"  <br>"5541653"   "5629734"<br>  "5652621"  <br>"5917556"  <br>"6263102").PN. OR<br>("6697110").URPN.                 | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S106 | 7342 | gain and alias\$3 and<br>display  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S107 | 6046 | gain and alias\$3 and<br>display and high and<br>low  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |
| S108 | 5010 | gain and alias\$3 and<br>display and (high same<br>low)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/03/14<br>13:02 |

|      |       |  |  |    |    |                     |
|------|-------|--|--|----|----|---------------------|
| S109 | 1888  | gain and alias\$3 and display and (high same low same pass)  | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/03/14<br>13:02 |
| S110 | 919   | gain and alias\$3 and display and (high same low same pass) and (color or RGB)                                     | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/03/14<br>13:02 |
| S111 | 564   | gain and alias\$3 and display and (high same low same pass) and (color or RGB) and (bright\$3 lumin\$5)            | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/03/14<br>13:02 |
| S112 | 257   | gain and alias\$3 and display and (high same low same pass) and (color or RGB) and (bright\$3 lumin\$5)Not (audio) | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/03/14<br>13:02 |
| S113 | 1     | 10/537448  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S114 | 307   | 345/72   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S115 | 2220  | 345/88   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S116 | 1372  | 348/222  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S117 | 5032  | 382/162  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S118 | 4786  | 382/167  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S119 | 10973 | S114 or S115 or S116 or S117 or S118   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S120 | 12789 | image with proces\$4 with (high low) with color  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |

|      |       |   |  |    |    |                     |
|------|-------|---|--|----|----|---------------------|
| S121 | 947   | S119 and S120   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S122 | 235   | RGB with separate with<br>color with process\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S123 | 307   | 345/72  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S124 | 2220  | 345/88  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S125 | 1372  | 348/222   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S126 | 5032  | 382/162   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S127 | 4786  | 382/167   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S128 | 10973 | S123 or S124 or S125<br>or S126 or S127   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S129 | 29    | S128 and S122   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S130 | 9     | ("3971065"  <br>"5506619"   "5629734"<br>  "5808674"  <br>"6075889"  <br>"6961478").PN. OR<br>("7236191").URPN.                 | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S131 | 7     | ("20020105660"  <br>"5808630"   "5872556"<br>  "6069972"  <br>"6356276"   "6439722"<br>  "6532024").PN. OR<br>("6980223").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |

|      |        |  |   |    |     |                  |
|------|--------|--|---|----|-----|------------------|
| S132 | 16     | ("4597005"   "4598282"   "4789854"   "5081450"   "5124688").PN. OR ("5872556").URPN.                         | US-PGPUB; USPAT; USOCOR                     | OR | ON  | 2009/08/26 13:15 |
| S133 | 21     | color with alias\$3 with gain  | US-PGPUB; USPAT; USOCOR                     | OR | ON  | 2009/08/26 13:15 |
| S134 | 13     | color with alias\$3 same gain and LCD  | US-PGPUB; USPAT; USOCOR                     | OR | ON  | 2009/08/26 13:15 |
| S135 | 2      | (color with RGB) same (alias\$3 same gain) and LCD   | US-PGPUB; USPAT; USOCOR                     | OR | ON  | 2009/08/26 13:15 |
| S136 | 401    | 348/470  | US-PGPUB; USPAT; USOCOR                     | OR | ON  | 2009/08/26 13:15 |
| S137 | 394106 | lod or "liquid crystal"  | US-PGPUB; USPAT; USOCOR                     | OR | ON  | 2009/08/26 13:15 |
| S138 | 17     | S136 and S137  | US-PGPUB; USPAT; USOCOR                     | OR | ON  | 2009/08/26 13:15 |
| S139 | 13     | ("5124688"   "5266936"   "5784050"   "5872556"   "5914728"   "5936683"   "5999164").PN. OR ("6166720").URPN. | US-PGPUB; USPAT; USOCOR                     | OR | ON  | 2009/08/26 13:15 |
| S140 | 235    | RGB with separate with color with process\$4   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/08/26 13:15 |
| S141 | 3      | (high near component) same (low near component) same (gain near factor)                                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/08/26 13:15 |
| S142 | 12     | (high near component) same (low near component) and (gain near factor)                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/08/26 13:15 |
| S143 | 110    | (high near component) and (low near component) and (gain near factor)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/08/26 13:15 |
| S144 | 305062 | "345"/   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2009/08/26 13:15 |
| S145 | 2      | ("0000345").PN.  | USPAT; USOCOR                               | OR | OFF | 2009/08/26 13:15 |
| S146 | 51246  | ("345").CLAS.  | USPAT; USOCOR                               | OR | OFF | 2009/08/26 13:15 |
| S147 | 20114  | ("349").CLAS.  | USPAT; USOCOR                               | OR | OFF | 2009/08/26 13:15 |

|      |        |   |  |    |    |                     |
|------|--------|---|--|----|----|---------------------|
| S148 | 67903  | S146 or S147  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S149 | 0      | S143 and S148   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S150 | 1677   | (high near (component<br>part signal path)) same<br>(low near (component<br>part signal path)) same<br>(gain)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S151 | 7      | S148 and S150   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S152 | 107145 | second near20 signal<br>near (component or<br>band or portion)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S153 | 15693  | gain near factor  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S154 | 1650   | S152 and S153   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S155 | 13     | S148 and S154   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S156 | 21     | ("20030164839"  <br>"4275413"   "5061049"<br>  "5233385"  <br>"5264927"   "5280277"<br>  "5623281"  <br>"5726718"   "5768410"<br>  "5777589"  <br>"5903323"   "6061049"<br>  "6088016"  <br>"6266105"   "6310591"<br>  "6342898"  <br>"6396465"   "6445505"<br>  "6801214").PN. OR<br>("7164397").URPN. | US-PGPUB;<br>USPAT; USCOR                            | OR | ON | 2009/08/26<br>13:15 |
| S157 | 1      | y near alias\$3 near<br>(reduction suppression<br>remov\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |

|      |      |   |  |    |    |                     |
|------|------|---|--|----|----|---------------------|
| S158 | 1445 | alias\$3 near (reduction suppression remov\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S159 | 152  | alias\$3 near (reduction suppression remov\$3) and (low near pass) and (high near pass)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S160 | 151  | alias\$3 near (reduction suppression remov\$3) and ("low pass") and ("high pass")   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S161 | 40   | ("5008739"  <br>"5038216"   "5065229"<br>  "5119180"  <br>"5251019"   "5333055"<br>  "5373322"  <br>"5374956"   "5382976"<br>  "5398058"  <br>"5418565"   "5475769"<br>  "5528292"  <br>"5541653"   "5629734"<br>  "5652621"  <br>"5917556"  <br>"6263102").PN. OR<br>("6697110").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S162 | 7727 | gain and alias\$3 and display   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S163 | 6385 | gain and alias\$3 and display and high and low  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S164 | 5286 | gain and alias\$3 and display and (high same low)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S165 | 1980 | gain and alias\$3 and display and (high same low same pass)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S166 | 961  | gain and alias\$3 and display and (high same low same pass) and (color or RGB)  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S167 | 593  | gain and alias\$3 and display and (high same low same pass) and (color or RGB) and (bright\$3 lumin\$5)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S168 | 267  | gain and alias\$3 and display and (high same low same pass) and (color or RGB) and (bright\$3 lumin\$5)Not (audio)  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |

|      |       |  |  |    |    |                     |
|------|-------|--|--|----|----|---------------------|
| S169 | 1     | 10/537448  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S170 | 307   | 345/72   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S171 | 2220  | 345/88   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S172 | 1372  | 348/222  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S173 | 5032  | 382/162  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S174 | 4786  | 382/167  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S175 | 10973 | S170 or S171 or S172<br>or S173 or S174                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S176 | 12789 | image with process\$4<br>with (high low) with<br>color | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S177 | 947   | S175 and S176  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S178 | 235   | RGB with separate with<br>color with process\$4        | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S179 | 307   | 345/72   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S180 | 2220  | 345/88   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S181 | 1372  | 348/222  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |

|      |        |   |  |    |    |                     |
|------|--------|---|--|----|----|---------------------|
| S182 | 5032   | 382/162   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S183 | 4786   | 382/167   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S184 | 10973  | S179 or S180 or S181<br>or S182 or S183   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S185 | 29     | S184 and S178   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S186 | 9      | ("3971065"  <br>"5506619"   "5629734"<br>  "5808674"  <br>"6075889"  <br>"6961478").PN. OR<br>("7236191").URPN.                 | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |
| S187 | 7      | ("20020105660"  <br>"5808630"   "5872556"<br>  "6069972"  <br>"6356276"   "6439722"<br>  "6532024").PN. OR<br>("6980223").URPN. | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |
| S188 | 16     | ("4597005"  <br>"4598282"   "4789854"<br>  "5081450"  <br>"5124688").PN. OR<br>("5872556").URPN.                                | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |
| S189 | 21     | color with alias\$3 with<br>gain  | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |
| S190 | 13     | color with alias\$3 same<br>gain and LCD  | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |
| S191 | 2      | (color with RGB) same<br>(alias\$3 same gain) and<br>LCD  | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |
| S192 | 401    | 348/470   | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |
| S193 | 394106 | lcd or "liquid crystal"   | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |
| S194 | 17     | S192 and S193   | US-PGPUB;<br>USPAT; USOOR                            | OR | ON | 2009/08/26<br>13:15 |



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|------|--------|---|--|----|-----|---------------------|
| S195 | 13     | ("5124688"  <br>"5266936"   "5784050"<br>  "5872556"  <br>"5914728"   "5936683"<br>  "5999164").PN. OR<br>("6166720").URPN. | US-PGPUB;<br>USPAT; USCOR                            | OR | ON  | 2009/08/26<br>13:15 |
| S196 | 235    | RGB with separate with<br>color with process\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |
| S197 | 3      | (high near component)<br>same (low near<br>component) same (gain<br>near factor)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |
| S198 | 12     | (high near component)<br>same (low near<br>component) and (gain<br>near factor)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |
| S199 | 110    | (high near component)<br>and (low near<br>component) and (gain<br>near factor)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |
| S200 | 305062 | "345"/  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |
| S201 | 2      | ("0000345").PN.   | USPAT; USCOR   | OR | OFF | 2009/08/26<br>13:15 |
| S202 | 51246  | ("345").CLAS.   | USPAT; USCOR   | OR | OFF | 2009/08/26<br>13:15 |
| S203 | 20114  | ("349").CLAS.   | USPAT; USCOR   | OR | OFF | 2009/08/26<br>13:15 |
| S204 | 67903  | S202 or S203  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |
| S205 | 0      | S199 and S204   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |
| S206 | 1677   | (high near (component<br>part signal path)) same<br>(low near (component<br>part signal path)) same<br>(gain)               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |
| S207 | 7      | S204 and S206   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/26<br>13:15 |

|      |        |   |  |    |    |                     |
|------|--------|---|--|----|----|---------------------|
| S208 | 107145 | second near20 signal near (component or band or portion)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S209 | 15693  | gain near factor  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S210 | 1650   | S208 and S209   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S211 | 13     | S204 and S210   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S212 | 21     | ("20030164839"  <br>"4275413"   "5061049"<br>  "5233385"  <br>"5264927"   "5280277"<br>  "5623281"  <br>"5726718"   "5768410"<br>  "5777589"  <br>"5903323"   "6061049"<br>  "6088016"  <br>"6266105"   "6310591"<br>  "6342898"  <br>"6396465"   "6445505"<br>  "6801214").PN. OR<br>("7164397").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:15 |
| S213 | 1      | y near alias\$3 near<br>(reduction suppression<br>remov\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S214 | 1445   | alias\$3 near (reduction<br>suppression remov\$3)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S215 | 152    | alias\$3 near (reduction<br>suppression remov\$3)<br>and (low near pass)<br>and (high near pass)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |
| S216 | 151    | alias\$3 near (reduction<br>suppression remov\$3)<br>and ("low pass") and<br>("high pass")  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:15 |

|      |      |   |  |    |    |                     |
|------|------|---|--|----|----|---------------------|
| S217 | 40   | ("5008739"  <br>"5038216"   "5065229"<br>  "5119180"  <br>"5251019"   "5333055"<br>  "5373322"  <br>"5374956"   "5382976"<br>  "5398058"  <br>"5418565"   "5475769"<br>  "5528292"  <br>"5541653"   "5629734"<br>  "5652621"  <br>"5917556"  <br>"6263102").PN. OR<br>("6697110").URPN. | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:16 |
| S218 | 7727 | gain and alias\$3 and<br>display  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:16 |
| S219 | 6385 | gain and alias\$3 and<br>display and high and<br>low  | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:16 |
| S220 | 5286 | gain and alias\$3 and<br>display and (high same<br>low)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:16 |
| S221 | 1980 | gain and alias\$3 and<br>display and (high same<br>low same pass)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:16 |
| S222 | 961  | gain and alias\$3 and<br>display and (high same<br>low same pass) and<br>(color or RGB)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:16 |
| S223 | 593  | gain and alias\$3 and<br>display and (high same<br>low same pass) and<br>(color or RGB) and<br>(bright\$3 lumin\$5)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:16 |
| S224 | 267  | gain and alias\$3 and<br>display and (high same<br>low same pass) and<br>(color or RGB) and<br>(bright\$3 lumin\$5)Not<br>(audio)   | US-PGPUB;<br>USPAT; USOCR                            | OR | ON | 2009/08/26<br>13:16 |
| S225 | 432  | color near10<br>modification with<br>(luminance brightness)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:24 |
| S226 | 87   | color near channel with<br>modification   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:26 |
| S227 | 19   | color near channel with<br>modification and gain  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:32 |

|      |         |                   |  |    |    |                     |
|------|---------|-------------------|--|----|----|---------------------|
| S228 | 4600305 | GB "2297217"      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:38 |
| S229 | 4       | GB near "2297217" | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | ON | 2009/08/26<br>13:38 |

**EAST Search History (Interference)**

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